

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001456

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: G01N 33/68, A61K 31/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPIDS, CA, Medline and keywords: effector and regulator cells, CD4, CD8, treatment, cancer, virus and similar terms.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/013828 A (IMMUNAID PTY LTD.) 21 February 2002 See pages 3-5, and the sections 'Agents which inhibit the production of and/or destroy regulator cells' and 'Timing of exposing the subject to the agent' and pages 9-13	1-6, 10-15, 20-30, 32, 35-44
X	WO 2003/068257 A (IMMUNAID PTY LTD.) 21 August 2003 See page 3-5, sections entitled 'Agents which inhibit the production of, limit the function of and/or destroy regulator cells' and 'Timing of exposing the subject to the agent' and Examples 2-5	1-3, 6-8, 10-16, 18-28, 32-44
X	NORTH, R. J. and AWWARD, A. (1990) <i>Elimination of cycling CD4<sup>+</sup> suppressor T cells with an anti-mitotic drug releases non-cycling CD8<sup>+</sup> T cells to cause regression of an advanced lymphoma</i> . Immunology 71: 90-95. See Abstract.	42, 43

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
26 November 2004

Date of mailing of the international search report  
- 8 DEC 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PLANA, M. <i>et al.</i> (2000) <i>Immunological benefits of antiretroviral therapy in very early stages of asymptomatic chronic HIV-1 infection</i> . AIDS 14: 1921-1933 See Abstract, Introduction 1 <sup>st</sup> paragraph, Materials and Methods and last paragraph of the Discussion	1, 3-6, 10, 12, 14, 18, 25, 26, 32, 35-40, 44
X	WO 2001/008702 A (THE GOVERNMENT OF THE USA) 8 February 2001 See claim 1	1-6, 10, 12, 14, 25, 27, 28, 37, 38, 44
X	US 6107020 A (SKORON, G) 22 August 2000 See column 2 1 <sup>st</sup> paragraph and claims	26, 44

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.  
**PCT/AU2004/001456**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO 0213828		AU 83682/01	BR 0113354	CA 2431954	
		CA 2476956	EP 1311267	NZ 524280	
		US 2003228320	WO 03070270	ZA 200301694	
WO 03068257					
WO 0108702	AU 66128/00	CA 2380018	EP 1198248		
US 6107020					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					